

Minutes of 521st SEAC Meeting Dated 12/01/2021

The 521st meeting of SEAC was held through video in view of the Corona Virus Disease (Covid-19) on 12/01/2021. Following members were participated in the online meeting:

1.	Dr. S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Ranjeet Kumar Dalela,	Member
6.	Dr. Ajoy Kumar Mandal,	Member
7.	Shri Rajive Kumar,	Member
8.	Shri Meraj Uddin,	Member

The Chairman welcomed the members to the 521st SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. Building Stone(Khanda, Gitti, Boulder)Mining at Arajai No.-188,(Khand-03 New, 02 old), Vill.-MahuaItaura, The.-Kulpahad, Mahoba., ShriMohit Singh.,Area-1.214 ha. File No. 6092/Proposal No. SIA/UP/MIN/190607/2020

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone(Khanda, Gitti, Boulder)Mining at Arajai No.-188, (Khand-03 New, 02 old), Vill.-MahuaItaura, The.-Kulpahad, Mahoba, U.P., (Leased Area- 1.214 ha).
2. Salient features of the project as submitted by the project proponent:

Agenda Sr. No.	01, 521th SEAC Meeting: 12-01-2021
1. On-line proposal No.	SIA/UP/MIN/190607/2020, Dated:- 30/12/2020
2. File no. allotted by SEIAA, UP	6092
3. Name of Proponent	ShriMohit Singh S/o ShriBrajnandan Singh
4. Full correspondence address of proponent and mobile no.	ShriMohit Singh S/o ShriBrajnandan Singh R/o:- 25 Kha, Saidpur, Rath, District- Hamirpur, (U.P.), Pin Code:- 210431
5. Name of Project	"Building Stone"(Gitti, Khandas& Boulder)
6. Project location (Plot/Khasra/Gate No.)	Arajai No.: 188, Khand No.: 03 New, 02 Old
7. Name of Village	MahuaItaura
9. Tehsil	Kulpahad
10. District	Mahoba
11. Name of Minor Mineral	Gitti, Khanda& Boulder Mine
12. Sanctioned Lease Area (in Ha.)	1.214Ha
13. Altitude of the Area	Maximum Elevation: 191.10 mRL Minimum Elevation: 184.90 mRL

Minutes of 521st SEAC Meeting Dated 12/01/2021

14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude	
	A	25°23'52.05"N	79°31'21.31"E	
	B	25°23'51.49"N	79°31'25.05"E	
	C	25°23'49.47"N	79°31'25.70"E	
	D	25°23'47.12"N	79°31'24.47"E	
E	25°23'50.04"N	79°31'20.86"E		
15. Total Geological Reserves	4,25,400 m ³			
16. Total Mineable Reserves	3,07,251 m ³			
17. Total Proposed Production (in five year)	3,00,000m ³			
18. Proposed Production/year	60,000m ³ /annum			
19. Sanctioned Period of Mine lease	10 Years			
20. Production of mine/day	230.76 m ³ per day (646.15 T/day, Bulk Density 2.8)			
21. Method of Mining	Open Cast, Semi-mechanized			
22. Drilling & Blasting	Yes (if Required)			
23. No. of Working days	260 Days			
24. Working hours/day	8 hours/day			
25. No. of Workers	34Manpower			
26. No. of vehicles movement/day	32 Units (Assumed Loading Capacity: 20 T/Unit)			
27. Type of Land	State Government Land			
28 Ultimate Depth of Mining	36meters (185 mRL – 149 mRL) Source: Approved Mining Plan			
29. Nearest metalled road from site	NH-76, 0.80 Km, West			
30. Water Requirement	Source	Purpose	Detail	Avg. Demand/ Day
	Portable Tanker	Drinking & others @15lpcd/worker	34 workers x 15 lpcd = 510 Lit/ day	0.51 KLD
		Plantation @5 Lit/plant	121 sapling x 5 lt = 605 Lit/ day	0.60 KLD
		Mine operation /others	-	1.0
		Dust suppression @1 Lit/Sq.m (Twice in a day)	Approach Road Area = (1061 m Length x 7 m Width = 7427 m ²)	7.42 KLD
	Total			9.53KLD
31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021			
32. Any litigation pending against the project or hand in any court	No			
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	पत्रांक: 7409/ एम.एम .सी- 30/2020 , दिनांक: 16/12/2020 issued by Mining Officer Mahoba.			
34. Details of Lease Area in approved DSR	-			
35. Total Proposed Project Cost	Rs.73.27 Lakhs			
36. Proposed CER cost	Rs. 3.66 Lakhs (5% of the total Project Cost)			
37. Proposed EMP cost	Rs. 15.92 Lakhs (Approach Road repair, Dust Suppression, Plantation Post plantation care & Environmental Monitoring)			

38. Length and Width of Haul Road	Approach Road Length 1061 m (length 1061 m & Width 7m)
39. No. of Trees to be Planted	50 Trees in First Year

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-01

The committee discussed the matter and directed the project proponent to submit following information:

1. Cluster, composite map and DSR mismatch.
2. Revised form-1 accordingly.
3. Mitigation measures to avoid sedimentation in the river.
4. Clarification for the case in category B-1 or B-2.

The matter will be discussed after submission of online information on prescribed portal.

2. **Building Stone (Khanda, Boulder, Bailast&Gitti)Mining at Gata No.-1619, Khand No.-03, Village-Rauni,Mauranipur,Jhansi.,ShriPawan Kumar Seth.,Area-1.618 ha. File No. 6095/Proposal No. SIA/UP/MIN/189715/2020**

RESOLUTION AGAINST AGENDA NO-02

A presentation was made by the project proponent along with their consultant M/s Environmental Research Analysis. The committee discussed the matter and directed the project proponent to submit revised DSR (as khasra no. is not) and period/life of mine as per LOI

The matter will be discussed after submission of online information on prescribed portal.

3. **Building Stone(Khanda, Boulder, Bailast&Gitti)Mining at Araj No.-60, Khand No.-05,Vill-Jamala,Kulpahad,Mahoba.,ShriChandraPrakash Maheshwari.,Area-0.870 ha. File No. 6097/Proposal No. SIA/UP/MIN/190743/2020**

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone(Khanda, Boulder, Bailast&Gitti) Mining at Araj No.-60, Khand No.-05,Vill-Jamala, Tehsil-Kulpahad, Mahoba, U.P. (Leased Area-0.870).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/190743/2020
2.File no. allotted by SEIAA,UP	6097
3. Name of Proponent	Shri Chandra PrakashMaheshwari S/o ShriChunnilal
4. Full correspondence address of proponent and mobile no.	House No. 111, Mohalla- Kotbazar, Town & Thana- Rath, Tehsil- Rath,

Minutes of 521st SEAC Meeting Dated 12/01/2021

	District- Hamirpur, (U.P.) - 210431		
5. Name of Project	Building Stone Khanda, Boulder, Ballast (Gitti) Mining Project		
6. Project location (Plot/Khasra/Gate No.)	Araji No - 60 (Khand No - 05)		
7. Name of Village	Jamala		
9. Tehsil	Kulpahad		
10. District	Mahoba		
11. Name of Minor Mineral	Building Stone Khanda, Boulder, Ballast (Gitti)		
12. Sanctioned Lease Area (in Ha.)	0.870 Ha		
13. Altitude of the Area	The Highest Point at 183.00 mRL The Lowest Point at 173.00 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°24'50.84"N	79°30'12.45"E
	B	25°24'48.00"N	79°30'16.43"E
	C	25°24'46.08"N	79°30'16.01"E
	D	25°24'46.70"N	79°30'13.16"E
15. Total Geological Reserves	3,29,430 m ³		
16. Total Mineable Reserves	2,20,215 m ³		
17. Total Proposed Production (in five year)	40,450 m ³		
18. Proposed Production/year	43,000 m ³ /annum		
19. Sanctioned Period of Mine lease	10 Years		
20. Production of mine/day	165.4 m ³ /day(463 T/day) (Bulk Density- 2.8)		
21. Method of Mining	Open Cast, Semi-mechanized		
22. Drilling & Blasting	Yes (if Required)		
23. No. of Working days	260 Days		
24. Working hours/day	8 hours/day		
25. No. of Workers	31 Manpower		
26. No. of vehicles movement/day	46 Units (Assumed Loading Capacity: 10 Tonnes/Unit)		
27. Type of Land	State Government Land		
28 Ultimate Depth of Mining	30meters (177mRL – 147mRL) <i>Source: Approved Mining Plan</i>		
29. Nearest metalled road from site	NH-76, 2.5 km, SE		
30. Water Requirement	Source	Purpose	Avg. Demand/ Day
	Portable Tanker	Drinking & others @15lpcd/worker	31 workers x 15 lpcd = 465 lit/day
		Plantation @5 Lit/plant	50 Trees x 5 lpcd = 250 Lit/day
		Mine operation /others	-
		Dust suppression @1 Lit/Sq.m (Twice in a day)	Haul Road Area = (190 m Length x 7m Width = 1330 m ²) x 1 lit/sq.m = 1330 lit x 2 (twice in a day) = 2660 lit/day
	Total		4.38 KLD

31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021
32. Any litigation pending against the project or hand in any court	No
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	पत्रांक: 7373/ एम.एम .सी- 30/2020-21 , दिनांक: 11/12/2020 issued by Mining Officer Mahoba.
34. Details of Lease Area in approved DSR	-
35. Total Proposed Project Cost	Rs. 61.89 Lakhs
36. Proposed CER cost	Rs. 3.10 Lakhs (5% of the total Project Cost)
37. Proposed EMP cost	Rs. 9.47 Lakhs (Haulage Road repair, Dust Suppression, Plantation Post plantation care & Environmental Monitoring)
38. Length and Width of Haul Road	Haul Road Length 190 m & Width 7m)
39. No. of Trees to be Planted	50 Trees in First Year

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and directed the project proponent to submit following information:

1. Cluster, composite map and DSR mismatch.
2. Revised form-1 accordingly.
3. Mitigation measures to avoid sedimentation in the river.
4. Clarification for the case in category B-1 or B-2.

The matter will be discussed after submission of online information on prescribed portal.

4. **Building Stone (Khanda, Boulder, Bailast&Gitti) Mine at Gata No.-1076, Khand No.-03, Village-Makarbai, Tehsil-Sadar, Mahoba., ShriYashraj Jadon., Area-2.894 ha. File No. 6098/Proposal No. SIA/UP/MIN/190749/2020**

RESOLUTION AGAINST AGENDA NO-04

A presentation was made by the project proponent along with their consultant M/s Environmental Research Analysis. The committee discussed the matter and directed the project proponent to submit revised DSR (as khasra no. is not mentioned in DSR) and period/life of mine as per LOI

The matter will be discussed after submission of online information on prescribed portal.

5. Building Stone (Khanda, Boulder & Gitti)Mining at Araj No.-188, Khand No.-04 New (01 old) at Village-MahuaItaura, Tehsil-Kulpahad, Mahoba., ShriRakesh Kumar Mishra., Area-1.012 ha. File No. 6101/Proposal No. SIA/UP/MIN/190773/2020

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone (Khanda, Boulder & Gitti) Mining at Araj No.-188, Khand No.-04 New (01 old), Village-MahuaItaura, Tehsil-Kulpahad, Mahoba., ShriRakesh Kumar Mishra., Area-1.012 ha.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/190773/2020			
2. File no. allotted by SEIAA, UP	6101			
3. Name of Proponent	ShriRakesh Kumar Mishra S/o ShriVanshGopal Mishra			
4. Full correspondence address of proponent and mobile no.	ShriRakesh Kumar Mishra S/o ShriVanshGopal Mishra R/o: Village- MugalpuraKasba, Thana-Rath, Tehsil- Rath, District: Hamirpur, State: Uttar Pradesh			
5. Name of Project	“Building Stone”Gitti, Patthar&Khandas Mine			
6. Project location (Plot/Khasra/Gate No.)	Araji No.: 188, Khand No.: 04 New, 01 Old			
7. Name of Village	MahuaItaura			
9. Tehsil	Kulpahad			
10. District	Mahoba			
11. Name of Minor Mineral	BUILDING STONE (KHANDAS, GITTI & BOULDER)			
12. Sanctioned Lease Area (in Ha.)	1.012Ha			
13. Altitude of the Area	Maximum Elevation: 191.10mRL Minimum Elevation: 184.90mRL Slope towards North- East direction			
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude	
	A	25°23'55.50"N	79°31'21.23"E	
	B	25°23'54.57"N	79°31'24.27"E	
	C	25°23'51.49"N	79°31'25.05"E	
	D	25°23'52.13"N	79°31'20.72"E	
15. Total Geological Reserves	3,58,455 m ³			
16. Total Mineable Reserves	2,56,780 m ³			
17. Total Proposed Production (in five year)	2,50,000 m ³			
18. Proposed Production/year	50,000 m ³ /annum			
19. Sanctioned Period of Mine lease	10 Years			
20. Production of mine/day	192.30 m ³ per day (538.44 MT per day, Bulk Density 2.8)			
21. Method of Mining	Open Cast, Semi-mechanized			
22. Drilling & Blasting	Yes (if Required)			
23. No. of Working days	260 Days			
24. Working hours/day	8 hours/day			
25. No. of Workers	32 (maximum local villagers)			
26. No. of vehicles movement/day	27 Units (Assumed Loading Capacity: 20 T/Unit)			
27. Type of Land	State Government Land			
28 Ultimate Depth of Mining	36meters (185mRL – 149mRL) <i>Water Table: 50 mbgl (100 mRL)</i>			
29. Nearest metalled road from site	NH-76, 2.5 km, SE			
30. Water Requirement	Source	Purpose	Detail	Avg.

Minutes of 521st SEAC Meeting Dated 12/01/2021

				Demand/ Day
	Portable Tanker	Drinking & others @15lpcd/worker	32 workers x 15 lpcd = 480 Lit/ day	0.48 KLD
		Plantation @5 Lit/plant	120 sapling x 5 lpcd = 600 m Lit/ day	0.6 KLD
		Mine operation /others	-	1.0 KLD
		Dust suppression @1 Lit/Sq.m (Twice in a day)	Approach Road Area = (1200 m Length x 7 m ² Width = 8400 m ²)	8.4 KLD
	Total			10.48KLD
31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021			
32. Any litigation pending against the project or hand in any court	No			
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	पत्रांक: 7398/ एम.एम .सी- 30/2020-21 , दिनांक: 16/12/2020 issued by Mining Officer Mahoba.			
34. Details of Lease Area in approved DSR	Page No. 84, Sr. No. 30 (Vacant Leases Table-Part-2)			
35. Total Proposed Project Cost	70.68 Lakhs			
36. Proposed CER cost	3.53 Lakhs (5% of the total Project Cost)			
37. Proposed EMP cost	16.89 Lakhs (Haulage Road repair, Dust Suppression, Plantation Post plantation care & Environmental Monitoring)			
38. Length and Width of Haul Road	Haul Road Length 1.2 km (length 1200 m & Width 7m)			
39. No. of Trees to be Planted	120 Trees in First Year			

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and directed the project proponent to submit following information:

1. Cluster, composite map and DSR mismatch.
2. Revised form-1 accordingly.
3. Mitigation measures to avoid sedimentation in the river.
4. Clarification for the case in category B-1 or B-2.

The matter will be discussed after submission of online information on prescribed portal.

6. **Building Stone (Khanda, Boulder, Bailast&Gitti)Mine at Gata No.-2561, Khand No.-02, Village-Pahara, Sadar, Mahoba., Shri Ram Khilavan Shukla.,Area-1.21 ha. File No. 6102/Proposal No. SIA/UP/MIN/190808/2020**

RESOLUTION AGAINST AGENDA NO-06

A presentation was made by the project proponent along with their consultant M/s Environmental Research Analysis. The committee discussed the matter and directed the project proponent to submit revised DSR (as khasra no. is not mentioned) and period/life of mine as per LOI

The matter will be discussed after submission of online information on prescribed portal.

7. **Building Stone (Khanda, Gitti& Boulder) Mine at Gata No.-19, Khand No.-05, at Village- Paraaichha, Tehsil-Moth, Jhansi. ShriAnoop Kumar Singh., M/s M.C.C. Mahadev Construction Pvt. Ltd., Area-2.023 ha. File No. 5884/Proposal No. SIA/UP/MIN/175604/2020**

RESOLUTION AGAINST AGENDA NO-07

The matter has already been recommended for grant of environmental clearance in SEAC meeting dated 29/12/2020.

8. **Building Stone(Khanda, Gitti& Boulder) & Red Morrum Mining at Gata No.-585, Khand No.-01,at Village- Bhandra, Tehsil-Mauranipur, District Jhansi, U.P. ShriChaudharyUbaid Ahmad., Lease area-2.0 ha., File No. 5904 /Proposal No. SIA/UP/MIN/176811/2020**

The committee noted that the matter was earlier discussed in 499th SEAC meeting dated 07/10/2020 and directed as follows:

“The committee observed that a complaint letter dated 06.10.2020 has been received from ShriA.K. Shukla, Advocate, High court, Allahabad, Lucknow Bench) regarding fake documents such as cluster certificate and DSR. The committee discussed the complaint letter dated 04/10/2020 and decided that a complaint letter should be sent to the District Magistrate, Jhansi and District Mining Officer, Jhansi, Director, Geology and Mining Department, Lucknow for providing the above original documents within 15 days.The committee also directed that a copy of the letter should be sent to the project proponent and complainer for information.”

The Secretariat sent a letter dated 04/11/2020 to District Magistrate, Jhansi to provide original copy of DSR and cluster certificate issued by competent authority. The District Magistrate, Jhansi vide letter dated 26/12/2020 provided the certified cluster certificate and amended DSR of District Jhansi.

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building stone (khanda, gitti& boulder) & red morrum Mining at Gata No. 585(Khand No. 01) Village- Bhandra, Tehsil- Mauranipur, District- Jhansi,

U.P., (Leased Area- 2.0 ha.), Prop:- ShriChaudharyUbaid Ahmad.

2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/176811/2020		
2. File No. allotted by SEIAA, UP	5904		
3. Name of Proponent	ShriChaudharyUbaid Ahmad Thekedar S/o- ShriShahidHussain,		
4. Full correspondence address of proponent and mobile no.	R/o- NaiBastiBanki, Tehsil-Nawabganj, District- Barabanki (U.P.)		
5. Name of Project	Building stone(khanda, gitti& boulder) & red morrum		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 585(Khand No. 01)		
7. Name of River	NA		
8. Name of Village	Bhandra,		
9. Tehsil	Mauranipur		
10. District	Jhansi (U.P)		
11. Name of Minor Mineral	Building stone(khanda, gitti& boulder) & red morrum		
12. Sanctioned Lease Area (in Ha.)	2.0 Ha		
13. Mineable Area (in Ha.)	2.0 Ha		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Highest and lowest point in the leasehold is 223.80 mRL and 203.10 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25° 12’ 53.70”	79° 15’ 40.80”
	B	25° 12’ 56.20”	79° 15’ 48.80”
	C	25° 12’ 54.70”	79o 15’ 50.10”
	D	25° 12’ 50.50”	79° 15’ 42.80”
17. Total Geological Reserves	7,58,637 m ³		
18. Total Mineable Reserves in LOI	20,000 m ³ per year		
19. Total Proposed Production (in five year)	1,00,000m ³		
20. Proposed Production/year	20,000 m ³ per year		
21. Sanctioned Period of Mine lease	20 Year		
22. Production of mine/day	66.8 m ³ /day		
23. Method of Mining	Open cast, Manual, semi -mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	20		
27. No. Of vehicles movement/day	12-15 Vehicles movement/day		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	6 m		
30. Nearest metalled road from site	NH-75, 2.0 km towards North-South direction		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.33 KLD
	Suppression of dust		7.92 KLD
	Plantation		1.76 KLD
	Others (if any)		-
	Total		10.0 KLD
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P.) Certificate No. NABET/EIA/1619/IA 0019 and EXT. valid up to 2/02/ 2021		
33. Any litigation pending against the project or land in any court	NO		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 940/30 M.M.C./(2020-21)Dated 3/09/2020		

35. Details of Lease Area in approved DSR	शुद्धिपत्रपत्रांक30 /1887 -M.M.C/20-2019 dated2020/03/12, Sl. No . 114page 02
36. Proposed CER cost	Rs. 3,25,400/-
37. Proposed EMP cost/ Total Project cost	Rs. 30,00,000/-
38. Length and breadth of Haul Road	660 m length and 6 m width
39. No. of Trees to be Planted	100

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and directed the project proponent to submit following information:

1. Latest approved DSR from competent authority should be submitted.

The matter will be discussed after submission of online information on prescribed portal.

9. Building Stone (Khanda, Gitti& Boulder)Mining at Gata No.-326, Khand No.-01, at Vill-Todi,Teh-Moth,Jhansi. Smt. Saraswati Dubey.,area-0.809 ha. File No. 5906/Proposal No. SIA/UP/MIN/176836/2020

The committee noted that the matter was earlier discussed in 499th SEAC meeting dated 07/10/2020 and directed as follows:

“The committee observed that a complaint letter dated 06.10.2020 has been received from Shri A.K. Shukla, Advocate, High court, Allahabad, Lucknow Bench) regarding fake documents such as cluster certificate and DSR. The committee discussed the complaint letter dated 04/10/2020 and decided that a complaint letter should be sent to the District Magistrate, Jhansi and District Mining Officer, Jhansi, Director, Geology and Mining Department, Lucknow for providing the above original documents within 15 days. The committee also directed that a copy of the letter should be sent to the project proponent and complainer for information.”

The Secretariat sent a letter dated 04/11/2020 to District Magistrate, Jhansi to provide original copy of DSR and cluster certificate issued by competent authority. The District Magistrate, Jhansi vide letter dated 11/12/2020 provided the certified cluster certificate and DSR of District Jhansi.

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for 1. Building Stone, Khandas&Gitti, Boulder Mining at Gata No. 326 (Khand No.-01) Village- Todi, Tehsil- Moth, District- Jhansi, U.P., (Leased Area- 0.809 ha.), Prop:- Smt. SaraswatiDubey.

2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/176836/2020		
2. File No. allotted by SEIAA, UP	5906		
3. Name of Proponent	Smt. SaraswatiDubey W/o Shri Sanjay Dubey		
4. Full correspondence address of proponent and mobile no.	R/o- 81, Bajrang Colony, Back side of Medical College , Tehsil & District- Jhansi (U.P.)		
5. Name of Project	Building Stone, Khandas&Gitti, Boulder Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 326 (Khand No.-01)		
7. Name of River	NA		
8. Name of Village	Todi		
9. Tehsil	Moth		
10. District	Jhansi (U.P.)		
11. Name of Minor Mineral	Building Stone, Khandas&Gitti, Boulder Mining Project		
12. Sanctioned Lease Area (in Ha.)	0.809 Ha.		
13. Mineable Area (in Ha.)	0.809 Ha.		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 203.80 mRL Minimum mRL 189.10 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°46'13.97"N	78°57'40.38"E
	B	25°46'17.10"N	78°57'43.29"E
	C	25°46'15.50"N	78°57'44.89"E
	D	25°46'12.47"N	78°57'41.94"E
17. Total Geological Reserves	173241 m ³		
18. Total Mineable Reserves in LOI	8090 m ³ per year		
19. Total Proposed Production (in five year)	40450 m ³		
20. Proposed Production/year	8090 m ³ per year		
21. Sanctioned Period of Mine lease	20 Year		
22. Production of mine/day	26.96 m ³ /day		
23. Method of Mining	Open cast, Manual, Semi-Mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 18 workers		
27. No. Of vehicles movement/day	2-3 Vehicles movement/day		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	6 m		
30. Nearest metalled road from site	SH-45 at about 18.21 kms towards West direction.		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.28 KLD
	Suppression of dust		0.96 KLD
	Plantation		13.68 KLD
	Others (if any)		-
	Total		14.92 KLD (15.0 KLD approx.)
32. Name of QCI Accredited Consultant with QCI No And period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P.) Certificate No. NABET/EIA/1619/IA 0019 and Ext. valid up to 02/03/ 2021		
33. Any litigation pending against the project or land in any court	NO		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 949/30MMC/(2020-21) , on Dated 04/09/2020		
35. Details of Lease Area in approved DSR			
36. Proposed CER cost	1,91,750/-		
37. Proposed EMP cost/ Total Project cost	Rs. 40,00,000		

38. Length and breadth of Haul Road	570 m length and 6 m width
39. No. of Trees to be Planted	50

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-frangible zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter and directed the project proponent to submit following information:

1. Latest approved DSR from competent authority.

The matter will be discussed after submission of online information on prescribed portal.

10. Gitti, Patthar & Boulder Mining at Plot No.-2061, Khanda No.-1A & B, Village-Bhatauti, Tehsil- Meja, District- Allahabad, Area-6.07ha). File No. 4695/Proposal No. SIA/UP/MIN/32070/2019

RESOLUTION AGAINST AGENDA NO-10

The project proponent/consultant did not appear. The committee discussed and deliberated that project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

11. Building Stone(Khanda, Gitti, Boulder)Mining at Gata No.-06, Khand No.- 01, at Vill-PunawaliKalan, Jhansi. Shri Raj Kumar Parecha., Area-2.428 ha. File No. 5986/Proposal No. SIA/UP/MIN/183925/2020

The committee noted that the matter was earlier discussed in 510th SEAC meeting dated 10/12/2020 and directed as follows:

“The committee discussed the matter and observed that the project proponent has not submitted the approved District Survey Report of District, Jhansi. Hence, the committee directed to defer the matter. The matter will be discussed only after submission of online information on prescribed portal.”

The project proponent submitted their replies vide letter dated 04/01/2021. Hence, the matter was listed in 521st SEAC meeting dated 12/01/2021. A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone (Khanda, Gitti, Boulder)Mining at Gata No.-06, Khand No.- 01, Vill-PunawaliKalan, Jhansi, U.P. (Leased Area-2.428 ha.).
2. Salient features of the project as submitted by the project proponent:

Minutes of 521st SEAC Meeting Dated 12/01/2021

1. On-line proposal No.	SIA/UP/MIN/183925/2020		
2. File no. allotted by SEIAA, UP	5986		
3. Name of Proponent	Shri Raj Kumar Parecha S/o Shri Ishwar Das Parecha		
4. Full correspondence address of proponent and mobile no.	Address -1533, Jankipuram civil lines, Tehsil : Jhansi District: Jhansi (U.P.)		
5. Name of Project	Building Stone (Khanda, Gitti, Boulder) Mining		
6. Project location (Plot/Khasra/Gate No.)	Gata No- 06 (Khand-01)		
7. Name of Village	Punawali Kalan		
9. Tehsil	Jhansi		
10. District	Jhansi		
11. Name of Minor Mineral	Building Stone (Khanda, Gitti, Boulder)		
12. Sanctioned Lease Area (in Ha.)	2.428 Ha		
13. Altitude of the Area	The Highest Point at 270.90 mRL The Lowest Point at 258.80 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°31'17.74"N	78°27'58.86"E
	B	25°31'20.77"N	78°28'4.26"E
	C	25°31'17.22"N	78°28'7.06"E
	D	25°31'13.96"N	78°28'1.16"E
15. Total Geological Reserves	8,03,442 m ³		
16. Total Mineable Reserves	4,91,386 m ³		
17. Total Proposed Production (in five year)	1,21,400 m ³		
18. Proposed Production/year	24,280 m ³ /annum		
19. Sanctioned Period of Mine lease	20 Years		
20. Production of mine/day	93.38 m ³ /day (261.4 T/day) (Bulk Density- 2.8)		
21. Method of Mining	Open Cast, Semi-mechanized		
22. Drilling & Blasting	Yes (if Required)		
23. No. of Working days	260 Days		
24. Working hours/day	8 hours/day		
25. No. of Workers	32 Manpower		
26. No. of vehicles movement/day	9 Units (Assumed Loading Capacity: 10 m ³ /Unit)		
27. Type of Land	State Government Land		
28. Ultimate Depth of Mining	18 meters (265mRL – 247 mRL) <i>Source: Approved Mining Plan</i>		
29. Nearest metalled road from site	NH-75, 655 m, S		
30. Water Requirement	Source	Purpose	Avg. Demand/Day
	Portable Tanker	Drinking & others @15lpcd/worker	32 workers x 15 lpcd = 480 lit/day
		Plantation @5 Lit/plant	250 Trees x 5 lpcd = 1250 Lit/day
		Mine operation /others	-
		Dust suppression @1 Lit/Sq.m (Twice in a day)	Haul Road Area = (655 m Length x 7m Width = 4585 m ²) x 1 lit/sq.m = 4585 lit x 2 (twice in a day)

Minutes of 521st SEAC Meeting Dated 12/01/2021

			= 9170 lit/day	
	Total			12 KLD
31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021			
32. Any litigation pending against the project or hand in any court	No			
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jhansi. Letter No. 1313/30 MMC/2020-21, दिनांक- 29/10/2020			
34. Details of Lease Area in approved DSR	Amended DSR Page No. 1, Sr. No. 17			
35. Total Proposed Project Cost	Rs.73.24 Lakhs			
36. Proposed CER cost	Rs. 3.66 Lakhs (5% of the total Project Cost)			
37. Proposed EMP cost	Rs. 18.93 Lakhs (Haulage Road repair, Dust Suppression, Plantation Post plantation care & Environmental Monitoring)			
38. Length and Width of Haul Road	Haul Road Length 655m & Width 7m)			
39. No. of Trees to be Planted	250 Trees in First Year			

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-11

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-1 to the minutes.

12. Building Stone (Khanda,Gitti& Boulder)Mining at Gata No.-275, 276, Khand No.-D.H/12, Vill-Dharawal, Teh-Meja, Prayagraj, U.P., (Leased Area-6.758 ha.). File No. 5968/Proposal No. SIA/UP/MIN/57876/2020

The committee noted that the matter was earlier discussed in 509th SEAC meeting dated 09/12/2020 and directed as follows:

“The project proponent/consultant did not circulate the documents to the members of SEAC on time. Hence, the committee directed to defer the matter. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.”

The project proponent submitted their replies vide letter dated 05/01/2021. Hence, the matter was listed in 521st SEAC meeting dated 12/01/2021. A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

Minutes of 521st SEAC Meeting Dated 12/01/2021

1. The environmental clearance is sought for Building Stone (Khanda, Gitti& Boulder) Mining at Gata No.-275, 276, Khand No.- D.H/12, Vill-Dharawal, Teh-Meja, Prayagraj, U.P., (Leased Area-6.758 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/57876/2020		
2. File no. allotted by SEIAA, UP	5968		
3. Name of Proponent	Shri Chandan Kumar Maurya S/o Shri Ram Khelawan Maurya		
4. Full correspondence address of proponent and mobile no.	Village: Pipari, Sant Ravidas Nagar, Bhadohi, U.P		
5. Name of Project	Sand Stone "Khandas, Gitti, Boulder"		
6. Project location (Plot/Khasra/Gate No.)	Khand No. D.H/12, Gata No. 275, 276		
7. Name of Village	Dharawal		
9. Tehsil	Meja,		
10. District	Prayagraj		
11. Name of Minor Mineral	Sand Stone		
12. Sanctioned Lease Area (in Ha.)	6.758 Ha		
13. Altitude of the Area	Highest: 115.90 mRL Lowest: 109.30mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25° 9'10.93"N	82° 3'36.23"E
	B	25° 9'16.09"N	82° 3'29.49"E
	C	25° 9'4.71"N	82° 3'28.07"E
	D	25° 9'0.68"N	82° 3'32.84"E
15. Total Geological Reserves	19,86,225 m ³		
16. Total Mineable Reserves	14,78,004 m ³		
17. Total Proposed Production (in five year)	3,37,900 m ³		
18. Proposed Production/year	67,580 m ³ per annum		
19. Sanctioned Period of Mine lease	20 Years		
20. Production of mine/day	260 m ³ /day		
21. Method of Mining	Open Cast, Semi-mechanized		
22. Drilling & Blasting	Yes (if Required)		
23. No. of Working days	260 Days		
24. Working hours/day	8 hours/day		
25. No. of Workers	51 Manpower		
26. No. of vehicles movement/day	26 Units (Assumed Loading Capacity: 10 m ³ /Unit)		
27. Type of Land	State Government Land		
28. Ultimate Depth of Mining	12 m (113mRL – 101mRL) (source: Approved Mining Plan)		
29. Nearest metalled road from site	Manda – Meja Link Road, 0.6 Km, NE from the project site.		
30. Water Requirement	Source	Purpose	Avg. Demand/Day
	Portable Tanker	Drinking & others @15lpcd/worker	51 workers x 15 lpcd = 765 lit/day
		Plantation @5 Lit/plant	350 Trees x 5 lpcd = 1750 Lit/day
		Mine operation /others	1.0 KLD
		Dust suppression	Haul Road Area = (681m Length x

Minutes of 521st SEAC Meeting Dated 12/01/2021

			@1 Lit/Sq.m (Twice in a day)	7m Width = 4767m ² x 1 lit/sq.m = 4767 lit x 2 (twice in a day) = 9534 lit/day	
		Total			13.04 KLD
31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021				
32. Any litigation pending against the project or hand in any court	No				
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Prayagraj. Detail of other Mining lease area within 500m				
	S. No.		GataNo.		Area (Ha)
	1		283		4.858
	2		275		2.024
	3		283		3.425
	4		277, 278, BhatautiGata No. 2098		4.040
			Total		14.347
34. Details of Lease Area in approved DSR	-				
35. Total Proposed Project Cost	Rs. 105.58 Lakhs				
36. Proposed CER cost	Rs 5.28 Lakhs (5% of the total Project Cost)				
37. Proposed EMP cost	Rs. 29.91 Lakhs				
38. Length and Width of Haul Road	Haulage Road Length 681 m & Haulage Road Width 7 m				
39. No. of Trees to be Planted	350 Trees				

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-12

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2. The committee also stipulated follows additional TOR Point:

- Amended DSR should be provided at the time of EIA presentation.

13. Building Stone (Khanda, Gitti, Boulder) Mining at Araj No./Plot No.275, 278, Khand No.- DH/13, at Village- Dharawal, Teshil- Meja, District- Prayagraj, U.P. ShriAdhya Prasad Mishra., area-4.048 ha. File No. 5993/Proposal No. SIA/UP/MIN/58650/2020

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. The proponent, through the documents submitted and the presentation made informed the committee that:-

- The environmental clearance is sought for Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No. /Plot No. - 275, 278, Khand No.-DH/13, Village – Dharawal, Tehsil- Meja, District- Prayagraj, Uttar Pradesh (Leased Area : 4.048 ha.), M/s Vindh Construction Company.

2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/58650/2020		
2.	File No. allotted by SEIAA, UP	5993		
3.	Name of Proponent	ShriAdhya Prasad Mishra (Prop)		
4.	Full correspondence address of proponent and mobile no.	ShriAdhya Prasad Mishra (Prop)		
		S/o Late ShriKamlaSankar Mishra		
		R/o- DighiyaBabgniManda		
		Tehsil- Meja, District – Prayagraj U.P.		
		Mobile no. – 9956476996		
		E mail ID - constructionvindh@gmail.com		
5.	Name of Project	Regarding Terms of References for Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araji No. /Plot No. - 275, 278, Khand No.–DH/13, Area 4.048 ha. (10.26 Acres) at Village – Dharawal, Tehsil- Meja, District- Prayagraj.		
6.	Project Location (Plot. Khasra/Gata No.)	275, 278, Khand No.–DH/13		
7.	Name of River	Tons River - 3.0* Km (NW) Ganga River - 13.16 km (N)		
8.	Name of Village	Dharawal, Tehsil- Meja, District- Prayagraj, Uttar Pradesh		
9.	Tehsil	Meja		
10.	District	Prayagraj		
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder Gitti)		
12.	Sanctioned Lease Area (in Ha.)	4.048 ha		
13.	Max. & Min mRL within lease area	Highest mRL 118.0 m Lowest mRL 110.0 m		
14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25° 09’10.93’’N	82° 03’ 36.23’’E
		B	25° 09’07.31’’N	82° 03’ 39.96’’E
		C	25° 08’58.52’’N	82° 03’ 36.65’’E
		D	25° 09’00.25" N	82° 03’ 32.65’’E
15.	Total Geological Reserves	11,86,350 m ³		
16.	Total Mineable Reserve	6,10,464 m ³		
17.	Total Proposed Production	2,02,400 m ³ (5 years)		
18.	Proposed Production /year (as per LoI)	40,480 m ³ /annum		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	135 m ³ /day		
21.	Method of Mining	Opencast, /Semi-mechanized.		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	40		
25.	No. of vehicles movement/day	17		
26.	Type of Land	Govt./Non Forest Land (riverbed)		
27.	Ultimate of Depth of Mining	12.0 m		
28.	Nearest metalled road from site	0.72 km		
29.	Water Requirement	PURPOSE		
		Drinking	- 0.40 KLD	
		Suppression of dust	- 9.6 KLD	
		Plantation	- 0.34 KLD	
		Others (if any)	- 0.00 KLD	
	Total	- 10.34 KLD		
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021		

31.	Any litigation pending against the project or land in any court	No
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1784/Khanij/Parya/2020-21 dated - 12/11/2020
33.	Details of Lease Area in approved DSR	Serial no. 02, Page no.40
34.	Project Cost	1.20 Crore/year
35.	Proposed CER cost	2.40 lacs/annum
36.	Proposed EMP cost	11.0 lacs
37.	Length and breadth of Haul Road	Length – 0.80 km Breadth – 6.00 m
38.	No. of Trees to be Planted	340

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2.

14. Granite (Khanda,Gitti, Boulders)Mining at Gata No.-714, Khand No.-04, Village-Gonda, Teh.Karwai, Chitrakoot., M/S Ashind I.T. Solutions Pvt.Ltd Area-2.0241 ha. File No. 6002/Proposal No. SIA/UP/MIN/58785/2020

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. The proponent, through the documents submitted and the presentation made informed the committee that:-

- The environmental clearance is sought for Granite (Khanda, Gitti, Boulder & Pahadi Red Morrum) Mining at Gata No.- 714,Khand No.- 04, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P.M/s Ashind I.T. Solutions Pvt. Ltd., (Leased Area- 2.0241 ha.),
- Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/58785/2020									
2.	File No. allotted by SEIAA, UP	6002									
3.	Name of Proponent	M/S Ashind I.T. Solutions Pvt. Ltd., Director- Shri Narendra Kumar S/o Shri Virendra Singh									
4.	Full correspondence address of proponent and mobile no.	R/o- Regd. Office- H. No. 1051, Sector-17- B Gurgaon, Haryana 122001									
5.	Name of Project	Granite (Khanda, Gitti, Boulder & Pahadi Red Morrum) Mining Project									
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 714 Khand No.- 04									
7.	Name of Village	Gonda									
8.	Tehsil	Karwi									
9.	District	Chitrakoot									
10.	Name of Minor Mineral	Granite (Khanda, Gitti, Boulder & Pahadi Red Morrum)									
11.	Sanctioned Lease Area (in Ha.)	2.0241 ha.									
12.	Max.& Min mrl within lease area	222mRL- 185mRL									
13.	Pillar Coordinates(Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 12'.490"</td><td>80° 45'. 694"</td></tr> <tr> <td>B</td><td>25° 12'. 475"</td><td>80° 45'.753"</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 12'.490"	80° 45'. 694"	B	25° 12'. 475"	80° 45'.753"
Pillars	Latitude (N)	Longitude (E)									
A	25° 12'.490"	80° 45'. 694"									
B	25° 12'. 475"	80° 45'.753"									

Minutes of 521st SEAC Meeting Dated 12/01/2021

		C	25° 12'.390"	80° 45'.720"
		D	25° 12'.405"	80° 45'.650"
14.	Total Geological Reserves	2176794 m ³		
15.	Total Mineable Reserves	457994 m ³		
16.	Total Proposed Production (in five year)	245000 m ³		
17.	Proposed Production / year	Year	Granite (Khanda, Gitti, Boulder & Pahadi Red Morrum)	
		Ist	42500	
		IIInd	42500	
		IIIrd	42500	
		IVth	42500	
		Vth	75000	
		Total	245000	
18.	Sanctioned Period of Mine lease	20 Years (max.)		
19.	Production of mine/day	250 m ³ (average)		
20.	Method of Mining	Opencast Semi-Mechanized		
21.	No.of working days	300 days		
22.	Working hours/day	8 Hours/Day		
23.	No.Of workers	36 (average)		
24.	No.Of vehicle movement /day	25 (average)		
25.	Type of Land	Govt. Revenue Land		
26.	Ultimate Depth of Mining	30 meter (average)		
27.	Nearest metalled road from site	120m		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	1.45	
		Plantation	0.25	
		Others(if any)	-----	
		Total	2.10	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development).,Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Chitrakoot vide Letter No. 130/Khanij/2019-20, Dated 29 th May, 2020		
32.	Details of Lease Area in approved DSR	S.No.- 03, Page No.- 29		
33.	Proposed CER cost	1.30 Lakh		
34.	Proposed EMP cost	11.0 Lakh		
35.	Length and breadth of Haul Road.	Length- 120m, Width- more than 6.0 m		
36.	No. of Trees to be Planted	208		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-14

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2.

15. Building Stone (Khanda, Boulder, Bailast&Gitti)Mining at Gata No.-1097, Khand No.-05, at Village- Utivan, Mahoba, U.P., Shri Manish Saxena area-0.809 ha. File No. 6003/Proposal No. SIA/UP/MIN/58777/2020

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 1097 Khand No.- 5, Village- Utivan, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area- 0.809 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/58777/2020		
2.	File No. allotted by SEIAA, UP	6003		
3.	Name of Proponent	Shri Manish Saxena S/o Shri Suraj Sahai Saxena		
4.	Full correspondence address of proponent and mobile no.	R/o- Mohalla-Pastor Gali, Gandhi Nagar, Mahoba Tehsil & District Mahoba, U.P.		
5.	Name of Project	Building Stone (Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 1097 Khand No.- 5		
7.	Name of Village	Utivan		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	0.809ha.		
12.	Max.& Min mrl within lease area	192mRL- 162mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 24'27.661"	79° 56'08.017"
		B	25° 24'28.170"	79° 56'06.523"
		C	25° 24'19.878"	79° 56'05.985"
		D	25° 24'19.902"	79° 56'07.203"
14.	Total Geological Reserves	613035 m ³		
15.	Total Mineable Reserves	104360 m ³		
16.	Total Proposed Production (in five year)	64360 m ³		
17.	Proposed Production / year	Year	Production	
		1 st	32360 m ³	
		2 nd	8000 m ³	
		3 rd	8000 m ³	
		4 th	8000 m ³	
		5 th	8000 m ³	
		Total	64360 m ³	
18.	Sanctioned Period of Mine lease	10 Years		
19.	Production of mine/day	108 m ³ (average)		
20.	Method of Mining	Opencast Semi-Mechanized		
21.	No.of working days	300 days		
22.	Working hours/day	8 Hours/Day		
23.	No.Of workers	35 (average)		
24.	No.Of vehicle movement /day	11 (average)		
25.	Type of Land	Govt. Revenue Land		
26.	Ultimate Depth of Mining	6 meter (average)		
27.	Nearest metalled road from site	0.40 km		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	

Minutes of 521st SEAC Meeting Dated 12/01/2021

		Drinking & Others	0.35	
		Suppression of dust	2.40	
		Plantation	0.1	
		Others(if any)	-----	
		Total	2.85	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)„Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 5910/MMC-30/2020-21, Dated 29 th October, 2020		
32.	Details of Lease Area in approved DSR	S.No.- 08		
33.	Proposed CER cost	1.25 Lakh		
34.	Proposed EMP cost	9.94 Lakh		
35.	Length and breadth of Haul Road.	Length- 0.40 km, Width- more than 6.0 m		
36.	No. of Trees to be Planted	90		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-15

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2.

16. Building Stone (Sand Stone) Mining at Gata No.- 997 Mi., Village- Sindhora, Tehsil- Sadar, Mirzapur, U.P., M/s Master Jenny Seviles Pvt. Ltd., Area-3.56 ha. File No. 6004/Proposal No. SIA/UP/MIN/58776/2020

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. The proponent, through the documents submitted and the presentation made informed the committee that:-

- The environmental clearance is sought for Building Stone (Sand Stone) Mining at Gata No.- 997Mi, Village- Sindhora, Tehsil- Sadar, District- Mirzapur, U.P., M/S Master Jenny Seviles Pvt. Ltd., (Leased Area- 3.56 ha.).
- Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/58776/2020
2.	File No. allotted by SEIAA, UP	6004
3.	Name of Proponent	M/S MASTER JENNY SEVICES PVT. LTD., Director- Shri Vijay Kumar Sen S/o Shri Ramgopal Sen
4.	Full correspondence address of proponent and mobile no.	Add.- Floor-3, Pusa Industrial Street, SH Tandel Marg, Mumbai
5.	Name of Project	Building Stone (Sand Stone) Mining Project
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 997Mi

Minutes of 521st SEAC Meeting Dated 12/01/2021

7.	Name of Village	Sindhora		
8.	Tehsil	Sadar		
9.	District	Mirzapur		
10.	Name of Minor Mineral	Building Stone (Sand Stone)		
11.	Sanctioned Lease Area (in Ha.)	3.56ha.		
12.	Max.& Min mrl within lease area	123mRL- 110mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 05 37.1"	82° 48 49.1"
		B	25° 05 33.1"	82° 48 52.7"
		C	25° 05 28.6"	82° 48 53.4"
		D	25° 05 28.6"	82° 48 49.0"
		E	25° 05 26.6"	82° 48 48.8"
		F	25° 05 29.0"	82° 48 46.2"
		G	25° 05 36.8"	82° 48 47.0"
14.	Total Geological Reserves	2173932 m ³		
15.	Total Mineable Reserves	947358 m ³		
16.	Total Proposed Production (in five year)	178000 m ³		
17.	Proposed Production / year	Year	Production	
		1 st	35600 m ³	
		2 nd	35600 m ³	
		3 rd	35600 m ³	
		4 th	35600 m ³	
		5 th	35600 m ³	
		Total	178000 m ³	
18.	Sanctioned Period of Mine lease	Ten Years		
19.	Production of mine/day	118.67 m ³ (average)		
20.	Method of Mining	Opencast Semi-Mechanized		
21.	No.of working days	300 days		
22.	Working hours/day	8 Hours/Day		
23.	No.Of workers	36 (average)		
24.	No.Of vehicle movement /day	12 (average)		
25.	Type of Land	Govt. Revenue Land		
26.	Ultimate Depth of Mining	12 meter (average)		
27.	Nearest metalled road from site	700m		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	4.20	
		Plantation	0.40	
		Others(if any)	-----	
		Total	5.00	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development).,Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mirzapur vide Letter No. 1182/Khanij/2020, Dated 20 th November, 2020		
32.	Details of Lease Area in approved DSR	S.No.- 73, Page No.- 13		
33.	Proposed CER cost	1.40 Lakh		
34.	Proposed EMP cost	14.22 Lakh		
35.	Length and breadth of Haul Road.	Length- 700m, Width- more than 6.0 m		
36.	No. of Trees to be Planted	356		

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-16

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2.

17. Building Stone (Khanda, Gitti, Boulder) Mining at Araj No./ Plot No.-98, Khand No.- 07, at Village-Parvezabad, Bara, Prayagraj, Shri Rohit Vershney, Area-8.094 ha. File No. 6018/Proposal No. SIA/UP/MIN/58921/2020

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No. /Plot No. - 98, Khand No.-7, Area 8.094 ha. (20.0 Acres) at Village – Parvezabad, Tehsil- Bara, District- Prayagraj, Uttar Pradesh of M/s Allahabad Sands.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/58921/2020
2.	File No. allotted by SEIAA, UP	6018
3.	Name of Proponent	Shri Rohit Vershney (Prop)
4.	Full correspondence address of proponent and mobile no.	M/s Allahabad Sands Rohit Vershney (Prop) S/o Shri Jitendra Rai Vershney R/o- Shankargarh, Tehsil- Bara District – Prayagraj U.P. Mobile no. – 9415238838 E mail ID - rohitsand9415@gmail.com
5.	Name of Project	Environment Clearances of Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No. /Plot No. - 98, Khand No.-7, Area 8.094 ha. (20.0 Acres) at Village – Parvezabad, Tehsil- Bara, District- Prayagraj, Uttar Pradesh of M/s Allahabad Sands
6.	Project Location (Plot. Khasra/Gata No.)	98, Khand No.-7
7.	Name of River	Yamuna River - 6.0* Km (N) Ganga River - 20.0 km (N)
8.	Name of Village	Parvezabad, Tehsil- Bara, District- Prayagraj, Uttar Pradesh
9.	Tehsil	Bara
10.	District	Prayagraj
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder Gitti)
12.	Sanctioned Lease Area (in Ha.)	8.094 ha
13.	Max. & Min mRL within lease area	Highest mRL 112.0 m Lowest mRL 101.0 m

Minutes of 521st SEAC Meeting Dated 12/01/2021

14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25° 18.003"N	81° 41.763"E
		B	25° 17.970"N	81° 41.844"E
		C	25° 17.703"N	81° 41.669"E
		D	25° 17.771" N	81° 41.621"E
15.	Total Geological Reserves	26,28,740 m ³		
16.	Total Mineable Reserve	11,81,400 m ³		
17.	Total Proposed Production	4,04,700 m ³ (5 years)		
18.	Proposed Production /year (as per LoI)	80,940 m ³ /annum		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	270 m ³ /day		
21.	Method of Mining	Opencast, /Semi-mechanized		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	47		
25.	No. of vehicles movement/day	33		
26.	Type of Land	Govt./Non Forest Land (riverbed)		
27.	Ultimate of Depth of Mining	12.0 m		
28.	Nearest metalled road from site	0.70 km		
29.	Water Requirement	PURPOSE		
		Drinking	- 0.47 KLD	
		Suppression of dust	- 8.4 KLD	
		Plantation	- 0.32 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 9.20 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 01/05/2021		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1788/Khanij/2020-21 dated 12/11/2020		
33.	Details of Lease Area in approved DSR	Serial no. 241 Page no.35		
34.	Project Cost	1.55 Crore/year		
35.	Proposed CER cost	3.10 lacs/annum		
36.	Proposed EMP cost	ToR		
37.	Length and breadth of Haul Road	Length – 0.70 km Breadth – 6.00 m		
38.	No. of Trees to be Planted	320		

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-17

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2.

18. Sand Mining from Kosi River bed at Gata No.-787, Village-BhuwaraEhatmali, Tehsil-Swar, Rampur.,ShriMalkeet Singh, M/s Baba Deep Singh, Area -2.21 ha. File No. 6087/Proposal No. SIA/UP/MIN/59489/2020

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Ordinary Sand Mining at Gata No. 787, Village-BhuwaraEhatmali, Tehsil- Swar, District- Rampur, U.P., M/s Baba Deep Singh Enterprises, (Leased Area 2.21 ha).
2. Salient features of the project as submitted by the project proponent:

Current features of the project as submitted by the project proponent:				
1. The environmental clearance is sought for Ordinary Sand Mining at Gata No. 787, Village- BhuwaraEhatmali, Tehsil- Swar, District- Rampur, U.P., M/s Baba Deep Singh Enterprises Prop: ShriMalkit Singh, (Leased Area 2.21 ha).				
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no...../ Parya/ SEAC/, /, dated,				
3. The public hearing was organized on		Public Hearing will be conducted after the grant of ToR		
4. Final EIA report submitted on		EIA will be submitted after the grant of ToR		
5. On-line proposal No.		SIA/UP/MIN/59489/2020		
6. File No. allotted by SEIAA, UP		6087		
7. Name of Proponent		M/s Baba Deep Singh Enterprises Prop: ShriMalkit Singh		
8. Full correspondence address of proponent and mobile No.		Village- Math khera, Tehsil- Swar, District– Rampur, Uttar Pradesh.		
		Mobile No-		
		Email-		
9. Name of Project		Proposed riverbed Ordinary Sand mining project		
10. Project location (Plot/Khasra/Gata No.)		Gata No. 787		
11. Name of River		Kosi		
12. Name of Village		BhuwaraEhatmali		
13. Tehsil		Swar		
14. District		Rampur		
15. Name of Minor Mineral		Ordinary Sand		
16. Sanctioned Lease Area (in Ha.)		2.21		
17. Max & Min mRL within lease area		Max- 217 mRL and Min- 215.55 mRL		
18. Pillar Coordinates (Verified by DMO)		Pillar No.	Latitude	Longitude
		A	29° 5.311'N	79° 1.320'E
		B	29° 5.228'N	79° 1.285'E
		C	29° 5.278'N	79° 1.200'E
		D	29° 5.359'N	79° 1.233'E
19. Total Geological Reserves		66,000 cum		
20. Total Mineable Reserves in LOI		32,000 cum in 6 months		
21. Total Proposed Production		32,000 cum		
22. Proposed Production		32,000 cum in 6 months		
23. Sanctioned Period of Mine lease		5 years		
24. Production of mine/day		177.77		
25. Method of Mining		Open Cast Semi-mechanized Method		
26. No. of working days		180 days		
27. Working hours/day		8 hrs		
28. No. of workers		51		
29.No. of vehicles movement/day		14		
30. Type of Land		Government waste land		

31. Ultimate Depth of Mining	1.45	
32. Nearest metalled road from site	0.9 km	
33. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.51
	Suppression of dust	9.4
	Plantation	0.05
	Others (if any)	-
	Total	9.96
34. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
35. Any litigation pending against the project or land in any court	No	
36. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, issued by District Mining Officer	
37. Details of Lease Area in approved DSR	Yes area is in DSR	
38. Proposed CER cost	Rs 1,10,000 /-	
39. Proposed EMP cost	Rs 2,49,000 /-	
40. Length and breadth of Haul Road	Length: 0.786 km, width: 6 m	
41. No. of Trees to be Planted	25 plants	

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-18

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2.

19. Stone (Sand stone) Mine at Araj No.-428, Village-Dhuria, Tehsil- Chunar, Mirzapur, U.P., ShriLalBihariYadav., Area -0.809 ha. File No. 6088/Proposal No. SIA/UP/MIN/59519/2020

A presentation was made by the project proponent along with their consultant M/s Globus environment engineering services. The proponent, through the documents submitted and the presentation made informed the committee that:-

- The environmental clearance is sought for Building Stone(Sandstone) Mining at Araj/Gata no.-428, Village-Dhuria, Tehsil-Chunar, District-Mirzapur, U.P., developed by ShriLalBihariYadav, (Leased Area-0.809 ha.).
- Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/59519/2020
2.	File No. allotted by SEIAA, UP	6088
3.	Name of Proponent	ShriLalBihariYadav S/o Shri Shiv Yadav
4.	Full correspondence address of proponent and mobile no.	ShriLalBihariYadav R/o village- Patti Kalan, Tehsil- Chunar, Mirzapur.
		E-mail Id- lalbihariyadav5418@gmail.com
5.	Name of Project	Building Stone(Sandstone) Mining Village –Dhuria, Tehsil-Chunar, District–Mirzapur, UP
6.	Project Location (Plot.Khasra/Gata	Gata No. –428,Village –Dhuria, Tehsil-Chunar, District–

Minutes of 521st SEAC Meeting Dated 12/01/2021

	No.)	Mirzapur, Uttar Pradesh	
7.	Name of River	NA	
8.	Name of Village	Dhuria	
9.	Tehsil	Chunar	
10.	District	Mirzapur	
11.	Name of Minor Mineral	Building Stone(Sandstone) Mining	
12.	Sanctioned Lease Area (in Ha.)	0.809 ha.	
13.	Max. & Min mRL within lease area	Highest mRL is 131.9 & Lowest Is 123.1mRL	
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N E
		A	25° 02'20.7"N 83°03'13.6"E
		B	25° 02'18.6"N 83°03'13.6"E
		C	25° 02'18.3"N 83°03'8.9"E
		D	25° 02'21.1"N 83°03'8.7"E
15.	Total Geological Reserves	335992 m ³	
16.	Total Mineable Reserve (as per Approve Mine Plan)	153864 m ³	
17.	Total Proposed Production	8090 m ³ /year	
18.	Proposed Production /year	8090 m ³ /year	
19.	Sanctioned Period of Mine lease	0.809 ha.	
20.	Production of mine/day	27 m ³ /day	
21.	Method of Mining	Opencast, Semi-Mechanized	
22.	No. of working days	300	
23.	Working hours/day	8	
24.	No. of worker	21	
25.	No. of vehicles movement/day	4	
26.	Type of Land	Revenue land	
27.	Ultimate of Depth of Mining	24m	
28.	Nearest metalled road from site	1.2km	
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.63 KLD
		Suppression of dust	4.8 KLD
		Plantation	0.5 KLD
		Others (if any)	-
		Total	5.93 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 78, VALID TILL 03/04/2021	
31.	Any litigation pending against the project or land in any court	No	
32.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 1193/khanij/2020	
33.	Details of Lease Area in approved DSR	0.809 ha.	
34.	Proposed CER cost	1.76 lakh	
35.	Proposed EMP cost	Total project cost-Rs 88 lakh	
36.	Length and breadth of Haul Road	1.2km & 6m	
37.	No. of Trees to be Planted	150	

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-19

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2. The committee also stipulated follows additional TOR Point:

1. Incremental value must be provided at the time of EIA presentation.
2. Co-ordinates A& B is same in form-1, corrected form-1 should be submitted at the time of EIA presentation.

20. Building Stone (Khandas, Gitti, Boulder)Mining at Araj No.-2/4, Khand -02, Vil.-Jujhar, Chanpura,Sadar,Mahoba, ShriGirdhariLalKushwaha., Area-4.048 ha. File No. 6089/Proposal No. SIA/UP/MIN/59526/2020

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone (Khandas, Gitti, Boulder)Mining at Araj No.-2/4, Khand -02, Vil.-Jujhar, Chanpura, Sadar, Mahoba, (Leased Area-4.048).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/59526/2020		
2. File no. allotted by SEIAA, UP	6089		
3. Name of Proponent	ShriGirdhariLalKushwahaS/o ShriDevideenKushwaha		
4. Full correspondence address of proponent and mobile no.	M.I.G 48 Chilla Road, Indra Nagar, Banda, District: Banda (U.P)		
5. Name of Project	Building Stone“Khandas, Gitti, Boulder.” Mining Project		
6. Project location (Plot/Khasra/Gate No.)	Khand No. 02, Araj No.2/4		
7. Name of Village	Jujhar,		
9. Tehsil	Sadar		
10. District	Mahoba		
11. Name of Minor Mineral	Building Stone		
12. Sanctioned Lease Area (in Ha.)	4.048 Ha		
13. Altitude of the Area	Highest: 186.10 mRL Lowest: 156.01 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°24'9.80"N	79°55'24.09"E
	B	25°24'16.77"N	79°55'30.97"E
	C	25°24'20.39"N	79°55'27.85"E
	D	25°24'12.08"N	79°55'19.82"E
	E	25°24'11.45"N	79°55'22.18"E
15. Total Geological Reserves	28,48,818 m ³		
16. Total Mineable Reserves	11,23,087 m ³		

Minutes of 521st SEAC Meeting Dated 12/01/2021

17. Total Proposed Production (in five year)	8,09,600 m ³			
18. Proposed Production/year	1,61,920 m ³ per annum			
19. Sanctioned Period of Mine lease	10 Years			
20. Production of mine/day	623 m ³ /day(623 m ³ /day x 2.8 (Bulk Density) = 1744.4 T/day)			
21. Method of Mining	Open Cast, Semi-mechanized			
22. Drilling & Blasting	Yes (if Required)			
23. No. of Working days	260 Days			
24. Working hours/day	8 hours/day			
25. No. of Workers	52Manpower			
26. No. of vehicles movement/day	87 Units (Assumed Loading Capacity: 20 Tonnes/Unit)			
27. Type of Land	State Government Land			
28 Ultimate Depth of Mining	36 m (180mRL – 144 mRL) Note: Top level of the well is 135 mRL (source: Approved Mining Plan)			
29. Nearest metalled road from site	Metalled Road 245 m from the project site.			
30. Water Requirement	Source	Purpose	Detail	Avg. Demand/ Day
	Portable Tanker	Drinking & others @15lpcd/worker	52 workers x 15 lpcd = 780 lit/day	0.780 KLD
		Plantation @5 Lit/plant	205 Trees x 5 lpcd) = 1025 Lit/day	1.02 KLD
		Mine operation /others	-	1.0 KLD
		Dust suppression @1 Lit/Sq.m (Twice in a day)	Haul Road Area = (245m Length x 7m Width =1715 m ²) x 1 lit/sq.m = 1715 lit x 2 (twice in a day) = 3430 lit/day	3.43 KLD
	Total			6.23KLD
31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021			
32. Any litigation pending against the project or hand in any court	No			
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Mahoba. Letter No. 7040/ M.M.C 30/2020-21दिनांक- 12/01/2018. Detail of other Mining lease area within 500m, Village: Jujhar			
	S. No.	Araji No. &Khand No.		Area (Ha)
	1	2/4 & 01		4.048
	2	2/4 & 02		4.048
	3	2/4 & 03		4.048
	4	2/4 & 05		1.619
	5	2/4 & 06		1.619

	6	2/4 & 07	1.619
	7	2/4 & 08	1.619
		Total	18.620
34. Details of Lease Area in approved DSR	(Amended) DSR Mahoba : Page No. 80, Sr. No. 53		
35. Total Proposed Project Cost	Rs. 94.73 Lakhs		
36. Proposed CER cost	Rs4.74 Lakhs (5% of the total Project Cost)		
37. Proposed EMP cost	Rs 20.73 Lakhs		
38. Length and Width of Haul Road	Haulage Road Length 245 m & Haulage Road Width 7 m		
39. No. of Trees to be Planted	205 Trees		

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-20

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2. The committee also stipulated follows additional TOR Point:

1. Amended DSR should be provided at the time of EIA presentation.
2. The area mentioned in cluster and composite map/math. Corrected document should be provided at the time of EIA presentation.

21. Building Stone (Khanda, Boulder, Bailast&Gitti)Mining at Gata No.-1097, Khand No.-01, Village- Utivan, Tehsil-Sadar, Mahoba., Smt. Ratna Jadaun.,Area-1.214 ha. File No. 6090/Proposal No. SIA/UP/MIN/59536/2020

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone (Khanda, Boulder, Bailast&Gitti)Mining at Gata No.-1097, Khand No.-01, Village- Utivan, Tehsil-Sadar, Mahoba., (Leased Area-1.214 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/59536/2020
2. File No. allotted by SEIAA, U.P.	6090
3. Name of Proponent	Smt. RatnaJadaun W/o ShriVirendra Singh Jadaun
4. Full correspondence address of proponent and mobile no.	R/O- E-7/M-708, Arera Colony, Bhopal (M.P.).
5. Name of Project	Building Stone Khanda, Boulders, Ballast (Gitti) Mining Project
6. Project location (Plot/Khasra/Gata No.)	Gata No-1097, Khand No.01
7. Name of River	NA
8. Name of Village	Utiyan
9. Tehsil	Sadar

Minutes of 521st SEAC Meeting Dated 12/01/2021

10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.214 Ha.		
13. Mineable Area (in Ha.)	1.123 Ha(safety margin 0.091 Ha).		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum & Minimum mRL 162.95mRL & 153.1mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25° 24' 26.72" N	79° 56' 05.80" E
	B	25° 24' 28.08" N	79° 56' 07.94" E
	C	25° 24' 19.91" N	79° 56' 06.51" E
	D	25° 24' 19.71" N	79° 56' 04.95" E
17. Total Geological Reserves	5,04,927 m ³		
18. Sanction Quantity as per LOI	36,420 m ³ per year as per LOI		
19. Total Proposed Production (in five year)	1,82,100 m ³ in five year		
20. Proposed Production/year	36,420 m ³		
21. Sanctioned Period of Mine lease	10 Year		
22. Production of mine/day	121 m ³ /day		
23. Method of Mining	Open cast, semi-mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	30		
27. No. Of vehicles movement/day	10-12 Vehicles movement/day		
28. Type of Land	Building Stone(Khanda, Boulder, Bailast&Gitti) Mining		
29. Ultimate Depth of Mining	6.0 m		
30. Nearest metallled road from site	NH-76 at 5.91 kms towards South-East direction.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.40 KLD	
	Suppression of dust	2.88 KLD	
	Plantation	0.04KLD	
	Others (if any)	-	
	Total	3.32 KLD(Approx. 4.0 KLD)	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1619/IA 0019 Ext. letter No- QCI/NABET /ENV/ACO/20/1549 and valid up to 2 March, 2021		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 4053/ एम०एम०सी०-30 /2019-20 Date-28/04/2020		
35. Details of Lease Area in approved DSR	In DSR Page no 82, Sl. No – 20		
36. Proposed EMP cost	Rs 4,50,000/-		
37. Proposed Total Project cost	Rs. 90,00,000/-		
38. Length and breadth of Haul Road	240 m length and 6.0 m width		
39. No. of Trees to be Planted	80		

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.

6. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-21

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2. The committee also stipulated follows additional TOR Point:

1. The area mentioned in cluster and composite map mismatch. Corrected document should be provided at the time of EIA presentation.

22. Building Stone (Khanda, Boulder, Bailast&Gitti)Mining at Gata No.-967, Khand No.-01, at Village-Kabrai, Tehsil-Sadar,Mahoba. Smt. Ratna Jadaun.,Area-1.315 ha. File No. 6091/Proposal No. SIA/UP/MIN/59537/2020

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Building Stone, Khanda, Boulder, Ballast (Gitti) Mining at Gata No. 967 Khand No.1 , Village- Kabrai, Tehsil- Sadar, District- Mahoba, U.P., (Leased Area- 1.315 ha.), Prop:- Smt. RatnaJadaun.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/59537/2020		
2. File No. allotted by SEIAA, UP	6091		
3. Name of Proponent	Smt. RatnaJadaun, W/o-ShriVirendra Singh Jadaun,		
4. Full correspondence address of proponent and mobile no.	R/o-E-7/M-708, Arera Colony, Bhopal (M.P.)		
5. Name of Project	Mining of Minor Mineral		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 967 Khand No.1		
7. Name of River	NA		
8. Name of Village	Kabrai		
9. Tehsil	Sadar		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Balast (Gitti) Mininig		
12. Sanctioned Lease Area (in Ha.)	1.315 ha		
13. Mineable Area (in Ha.)	1.135 ha.(Safety margin 0.18 Ha)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	The highest and lowest mRL is 156.95mRL and 117.10mRL towards North direction.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25 ⁰ 24' 01.00"	79 ⁰ 59' 34.12"
	B	25 ⁰ 23' 58.41"	79 ⁰ 59' 36.84"
	C	25 ⁰ 24' 2.30"	79 ⁰ 59' 38.91"
	D	25 ⁰ 24' 2.30"	79 ⁰ 59' 40.69"

Minutes of 521st SEAC Meeting Dated 12/01/2021

	E	25 ⁰ 24' 4.51"	79 ⁰ 59' 38.55"
17. Total Geological Reserves	5,98,282 m ³ /year		
18. Sanctioned Quantity in LOI	39,450 m ³ per year as per LOI		
19. Total Proposed Production (in five year)	1,97,250 m ³ in five years		
20. Proposed Production/year	39,450 m ³ per year		
21. Sanctioned Period of Mine lease	10 Years		
22. Production of mine/day	132 m ³ /day		
23. Method of Mining	Open cast, Semi-Mechanized		
24. No. of working days	300		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 32 workers per day		
27. No. Of vehicles movement/day	Approximately 8 – 10 movements per day.(Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc.		
28. Type of Land	Government (stony scrub)		
29. Ultimate Depth of Mining	6.0 meter		
30. Nearest metalled road from site	NH-76 at 2.0 km towards SE- direction		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.42 KLD	
	Suppression of dust	4.32 KLD	
	Plantation	0.05 KLD	
	Others (if any)	-	
	Total	4.79 KLD (approx. 5.0 KLD)	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1619/IA 0019 Ext. letter No- QCI/NABET /ENV/ACO/20/1549 and valid up to 2 March, 2021		
33. Any litigation pending against the project or land in any court	NO		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 4557/M.M.C-30/2020-21, on Dated 16/07/2020		
35. Details of Lease Area in approved DSR	Yes(In DSR - Page No. 86, Sr. No- 77)		
36. Proposed CER cost	Rs 1,15,100/- (2% of the total Project cost)		
37. Proposed EMP cost/ Total Project cost	Rs. 57,55,000/-		
38. Length and breadth of Haul Road	180.0 m length and 6.0 m width		
39. No. of Trees to be Planted	100		

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-22

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-2. The committee also stipulated follows additional TOR Point:

1. The area mentioned in cluster and composite map mismatch. Corrected document should be provided at the time of EIA presentation.

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajiv kumar)
Member

(Dr. Sarita Sinha)
Member

(Dr. (Prof.) S. N. Singh)
Chairman

Annexure-1

General and Specific Conditions for Gitti, Patthar & Boulder Mining Projects:-

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly up loaded on the company's website and also displayed at website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Regional office, MoEF, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dt. 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health records of the workers shall be maintained.
11. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like mask and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to day hours time only.
15. Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

16. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform to the Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board
19. The Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing and other documents information should be given to Regional Office of the MoEF, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

B. Specific Conditions:

1. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05ha, the E.C issued will stand revoked.
- 4.
5. This environmental clearance shall be subject to valid lease in favour of project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
6. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan.
7. Explosive cannot be stored on the site.
8. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.

9. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
10. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.
11. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
12. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
13. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
14. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.
15. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
16. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
17. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
18. Rain water harvesting shall be undertaken to recharge the ground water source.
19. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
20. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
21. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
22. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out.
23. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.
24. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.

25. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
26. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
27. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
28. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
29. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
30. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
31. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
32. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
33. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
34. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
35. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
36. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of

Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.

37. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
38. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
39. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
40. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
41. Project Proponent shall explore the possibility of using solar energy where ever possible.
42. Commitment towards CER has to be followed strictly.
43. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
44. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
45. The blasting will be done only after getting the permission from the Mining Department.

Terms of Reference for the Mining Project

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.

- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
- 21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While

preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

- 22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀, particularly for free silica, should be given.
- 23) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 26) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 29) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 30) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 31) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form

(indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.

- 32) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 33) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 34) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 35) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 36) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 37) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 38) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 39) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 40) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 41) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 42) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 43) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 44) Besides the above, the below mentioned general points are also to be followed:-
 - a) Executive Summary of the EIA/EMP Report

- b) All documents to be properly referenced with index and continuous page numbering.
- c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
- d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e) Where the documents provided are in a language other than English, an English translation should be provided.
- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.